

**The Commonwealth of Massachusetts
Executive Office of Health and Human Services
Department of Public Health
William A. Hinton State Laboratory Institute
305 South Street, Jamaica Plain, MA 02130**

**DEVAL L. PATRICK
GOVERNOR**

**TIMOTHY P. MURRAY
LIEUTENANT GOVERNOR**

**JUDYANN BIGBY, MD
SECRETARY
JOHN AUERBACH
COMMISSIONER**

4/2/2012

Debra Payton
Assistant District Attorney
Norfolk County District Attorney's Office

Dear ADA Payton,

Enclosed is the information you requested in regards to items # [REDACTED]

1. Curriculum Vitae for Hevis Lleshi and Nicole Medina
2. Drug Analysis Laboratory Receipt.
3. Control Cards with analytical results for samples # [REDACTED]
4. Analysis sheets with custodial chemist's hand notations and test results.
5. GC/Mass Spectral analytical data for samples # [REDACTED]

Hevis Lleshi was the custodial chemist and performed preliminary testing and net weight for these samples. Nicole Medina was the confirmatory chemist and analyzed the GC/MS data for these samples.

If you have any questions about these materials, please call me at the number below.

Sincerely,

Ms. Hevis Lleshi
Chemist I
Drug Analysis Laboratory
Jamaica Plain, MA 02130
(617) 983-6627

Curriculum Vitae

Hevis Lleshi

Education

Boston University School of Medicine – Master of Science, Forensic Science
University of South Florida – Bachelor of Arts, Clinical Psychology

Related Coursework

Forensic Chemistry • Forensic Toxicology • Forensic Pathology • Forensic DNA Analysis
Organic / Analytical Chemistry • Forensic Biology • Biochemistry • Forensic Trace Evidence

Employment

March, 2011 – Present
Chemist I, Massachusetts Department of Public Health,
Drug Analysis Laboratory

- Appointed Assistant Analyst by Assistant Commissioner of Public Health, June, 2011
- Responsible for the identification of substances to determine violation of harmful and narcotic drug laws of the Commonwealth of Massachusetts
- Trained in the use of complex analytical instrumentation for the purpose of forensic drug analysis
- Notary Public

Additional Training and Laboratory Experience

- DEA Forensic Chemist Training- Special Testing and Research Laboratory, VA, March 2012
- Completed ten-week training course conducted by Laboratory Senior Staff within the Department of Public Health, Drug Analysis Laboratory, 2011
- GC and GC/MS training with Restek, 2011
- Instrumental Forensic Chemistry/Toxicology Laboratory, Boston University, 2009
- Serology/Bloodstain Pattern Analysis Techniques, Boston University, 2009

Internship, MASSACHUSETTS STATE POLICE—MARINE SECTION, BOSTON, MA, 2009 – 2010

Associations

- American Academy of Forensic Sciences (AAFS)
- Boston University Forensic Science Society (BUFSS)

Curriculum Vitae

Nicole E. Medina

Education

Bachelor of Science, Chemistry (1995)

Emmanuel College, Boston, MA

Research Project: (1994)

In-Vivo Mapping of Cocaine Metabolites in Biological Fluids

Conducted at Massachusetts State Police Crime Lab, Toxicology Department

Employment

Chemist II State Laboratory Institute (March 2008-Present)

Massachusetts Department of Public Health

Drug Analysis Laboratory

- Responsible for the identification of substances and trafficking substances to determine violation of the Massachusetts drug laws
- Responsible for the identification of pharmaceuticals to determine violation of the Massachusetts drug laws
- Operate analytical instrumentation, microscopes and balances for forensic drug analysis

Chemist I State Laboratory Institute (2004-March 2008)

Massachusetts Department of Public Health

Drug Analysis Laboratory

- Responsible for the identification of substance to determine violation of the Massachusetts drug laws
- Operate analytical instrumentation, microscopes and balances for forensic drug analysis
- Successfully completed an eight week training in the analysis of drugs conducted by senior staff of the Department of Public Health, Drug Analysis Laboratory
- Appointed assistant analyst for the Department of Public Health, Drug Analysis Laboratory in 2005.

Research Associate (September 2001 – October 2004)

Wolfe Laboratories, Newton & Watertown, MA

Laboratory Technician (January 1996 - April 1997)

Gillette, Boston, MA

PLEASE PRINT CLEARLY OR TYPE ALL INFORMATION

The Commonwealth of Massachusetts
Executive Office of Health and Human Services
Department of Public Health
State Laboratory Institute

Boston Drug Laboratory
Tel (617) 983-6622
Fax (617) 983-6625

Amherst Drug Laboratory
Tel (413) 545-2601
Fax (413) 545-2608

Boston Hours
8:00 – 11:00
2:00 – 4:00

Amherst Hours
9:00 – 12:00
1:00 – 3:00

DRUG RECEIPT

City or Department: Quincy Police Reference No.: [REDACTED]

Name and Rank of Submitting Officer: Det. W. Ward

Defendant(s) Name (last, first, initial):
[REDACTED]

To be completed by Submitter
Description of Items Submitted

To be completed by Lab Personnel
Gross Weight Lab Number

1 plb with white Substance	10.67 gm	[REDACTED]
9 plb with white Substance	9.63 gm	[REDACTED]
1 plb with brown Substance	11.07 gm	[REDACTED]

Received by: AS Date: 6-6-11

No. [REDACTED]

Date Analyzed:

12-01-11

City: Quincy Police Dept.

Officer: Detective WILLIAM WARD

Def: [REDACTED]

Amount:

Subst: SUB

No. Cont: 1 Cont: pb

Date Rec'd: 06/06/2011

No. Analyzed:

Gross Wt.: 10.67

Net Weight: 6.44g

Tests: 6
2Lbem

Prelim: Cocaine (HHC) Findings: Cocaine

No. [REDACTED]

Date Analyzed:

12-01-11

City: Quincy Police Dept.

Officer: Detective WILLIAM WARD

Def: [REDACTED]

Amount:

Subst: SUB

No. Cont: 9 Cont: pb

Date Rec'd: 06/06/2011

No. Analyzed: 1

Gross Wt.: 9.63

Net Weight: 0.47g (g)

Tests: 6 pb teste

2Lbem

Prelim: Cocaine (HHC) Findings: Cocaine

No. [REDACTED]

Date Analyzed:

12-01-11

City: Quincy Police Dept.

Officer: Detective WILLIAM WARD

Def: [REDACTED]

Amount:

Subst: SUB

No. Cont: 1 Cont: pb

Date Rec'd: 06/06/2011

No. Analyzed:

Gross Wt.: 10.67 11.00g

Net Weight: 7.01g

Tests: 4
2Lbem

Prelim: Heroin (HHC) Findings: Heroin

DRUG POWDER ANALYSIS FORM

SAMPLE #

AGENCY

ANALYST

No. of samples tested:

Evidence Wt.

OK

PHYSICAL DESCRIPTION:Gross Wt (): 6.6076 g

One pb containing off white substance, Pb tied around with clear tape.

Gross Wt (): _____

Pkg. Wt: _____

Net Wt: 6.4410 gPRELIMINARY TESTSSpot Tests

Cobalt Thiocyanate () + weak / + blue w/acid

Marquis _____

Froehde's _____

Mecke's _____

Microcrystalline Tests

Gold Chloride _____ +

TLTA () + w/acid

OTHER TESTSPRELIMINARY TEST RESULTSRESULTS CocaineDATE 11/19/2011GC/MS CONFIRMATORY TESTRESULTS CocaineMS OPERATOR NEMDATE 12/11/2011

DRUG POWDER ANALYSIS FORM

SAMPLE # XXXXXXXXXXAGENCY QuincyANALYST HUNo. of samples tested: 1Evidence Wt. OKPHYSICAL DESCRIPTION:Gross Wt (9): 5.2940gGross Wt (1): 0.5622g

Nine pb containing
off white substance.
All 9 pb inside another
pb, tied around w/ clear
tape. One pb tested.

Pkg. Wt: _____

Net Wt: (1) 0.41731gPRELIMINARY TESTSSpot TestsCobalt Thiocyanate () + weak / + blue w/ acidMarquis —Froehde's —Mecke's —Microcrystalline TestsGold Chloride — +TLTA (—) + red/acidOTHER TESTS

PRELIMINARY TEST RESULTSRESULTS CocaineDATE 11/19/2011GC/MS CONFIRMATORY TESTRESULTS CocaineMS OPERATOR NEMDATE 12/11/2011

DRUG POWDER ANALYSIS FORM

SAMPLE #

AGENCY

ANALYST

No. of samples tested:

Evidence Wt

OK

PHYSICAL DESCRIPTION:

Gross Wt (): 7.1370 g

Gross Wt (): _____

Pkg. Wt: _____

Net Wt: 7.0189 g

One pb containing
beige powder. (Pb)
tied around w/ the clear
tape.

PRELIMINARY TESTSSpot TestsCobalt
Thiocyanate () + blue / green

Marquis + purple

Froehde's + purple

Mecke's + green

Microcrystalline TestsGold
Chloride _____

TLTA ()

OTHER TESTS

PRELIMINARY TEST RESULTS

RESULTS Heroin

DATE 11/19/2011

GC/MS CONFIRMATORY TEST

RESULTS Heroin

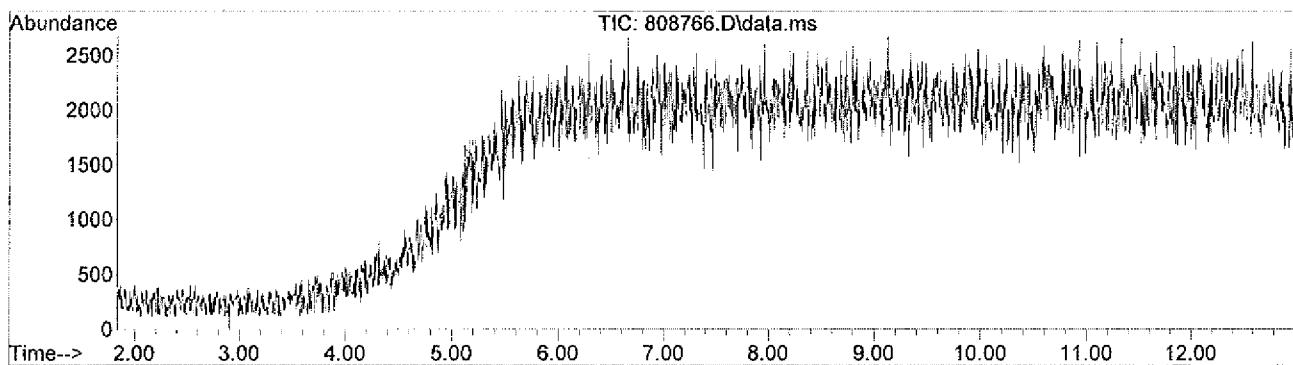
MS
OPERATOR NEM

DATE 12/1/2011

NEM ✓
03-26-12

Information from Data File:

File Name : F:\Q4-2011\System9\11_25_11\808766.D
Operator : NEM
Date Acquired : 26 Nov 2011 6:36
Sample Name : BLANK
Submitted by :
Vial Number : 1
AcquisitionMeth: DRUGS.M
Integrator : RTE

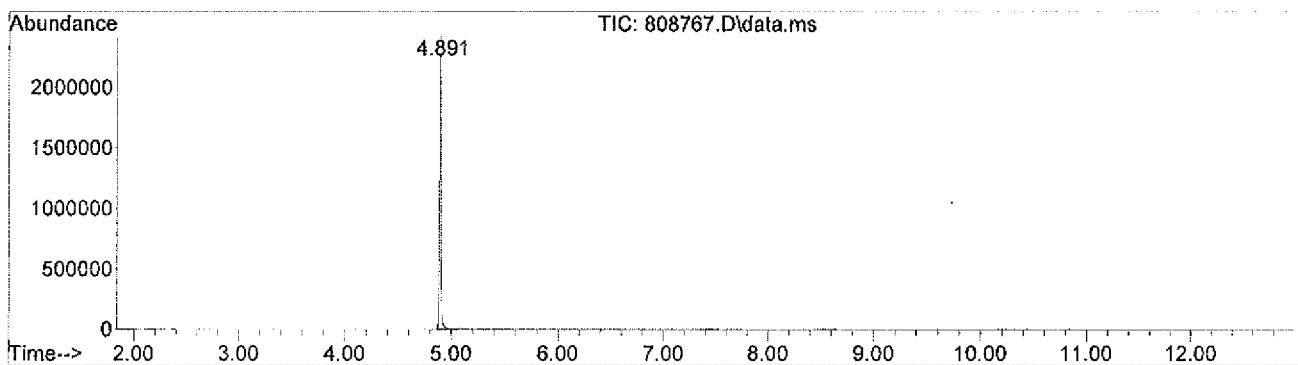


Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Information from Data File:

File Name : F:\Q4-2011\System9\11_25_11\808767.D
Operator : NEM
Date Acquired : 26 Nov 2011 6:51
Sample Name : COCAINE STD
Submitted by :
Vial Number : 5
AcquisitionMeth: DRUGS.M
Integrator : RTE



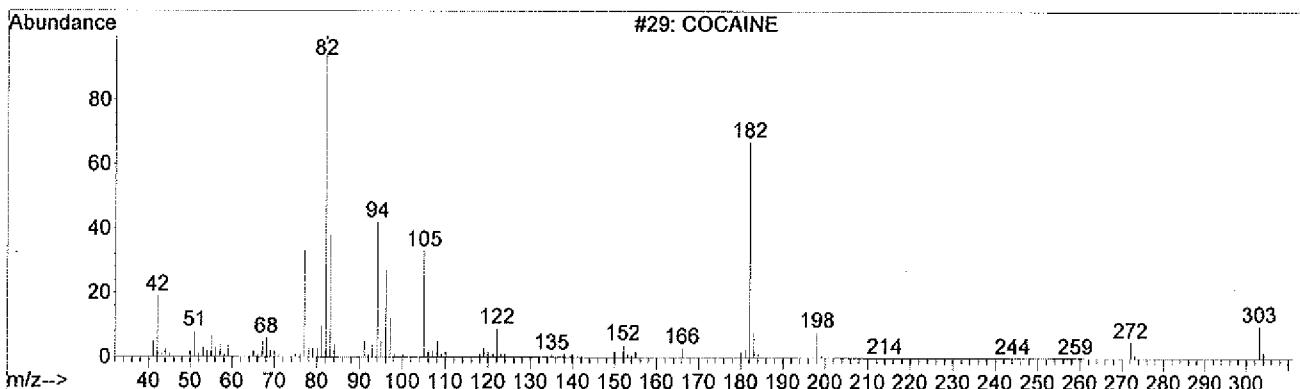
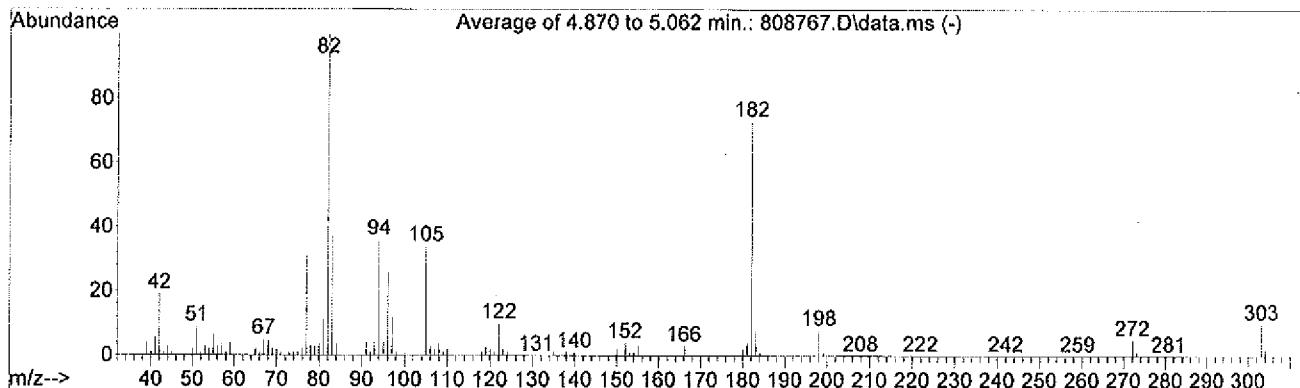
Ret. Time	Area	Area %	Ratio %
4.891	2359252	100.00	100.00

Information from Data File:

File Name : F:\Q4-2011\System9\11_25_11\808767.D
Operator : NEM
Date Acquired : 26 Nov 2011 6:51
Sample Name : COCAINE STD
Submitted by :
Vial Number : 5
AcquisitionMeth: DRUGS.M
Integrator : RTE

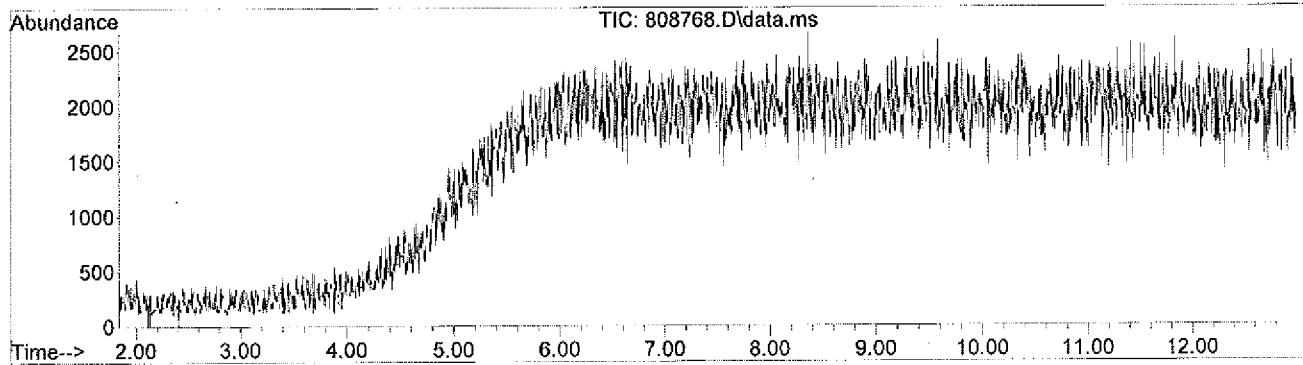
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C:\Database\NIST08.L Minimum Quality: 10
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	4.89	C:\Database\SLI.L COCAINE	000050-36-2	99



Information from Data File:

File Name : F:\Q4-2011\System9\11_25_11\808768.D
Operator : NEM
Date Acquired : 26 Nov 2011 7:07
Sample Name : BLANK
Submitted by : HLL
Vial Number : 1
AcquisitionMeth: DRUGS.M
Integrator : RTE

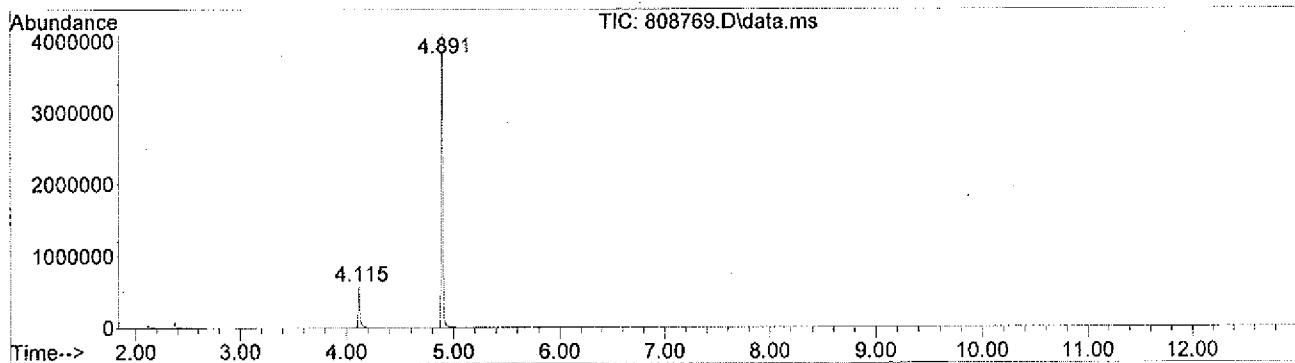


Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Information from Data File:

File Name : F:\Q4-2011\System9\11_25_11\808769.D
Operator : NEM
Date Acquired : 26 Nov 2011 7:22
Sample Name : XXXXXXXXXX
Submitted by : HLL
Vial Number : 69
AcquisitionMeth: DRUGS.M
Integrator : RTE



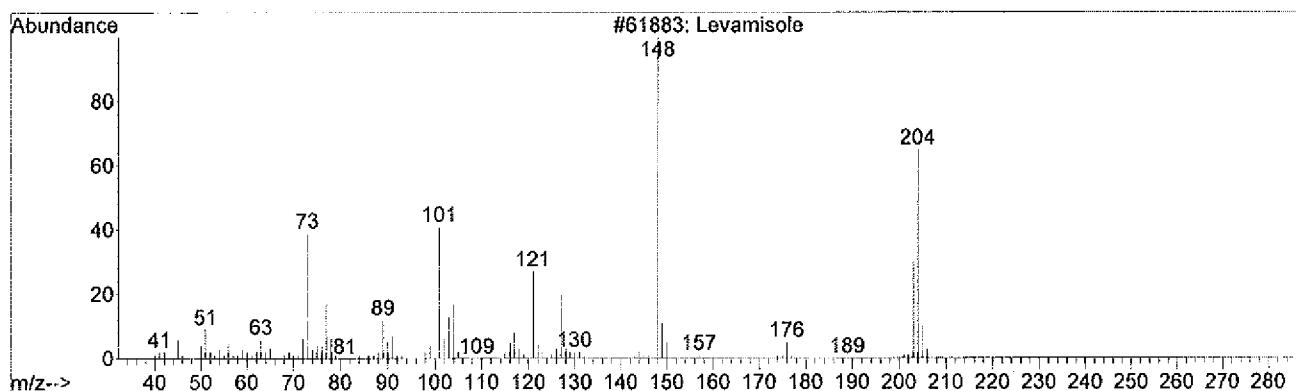
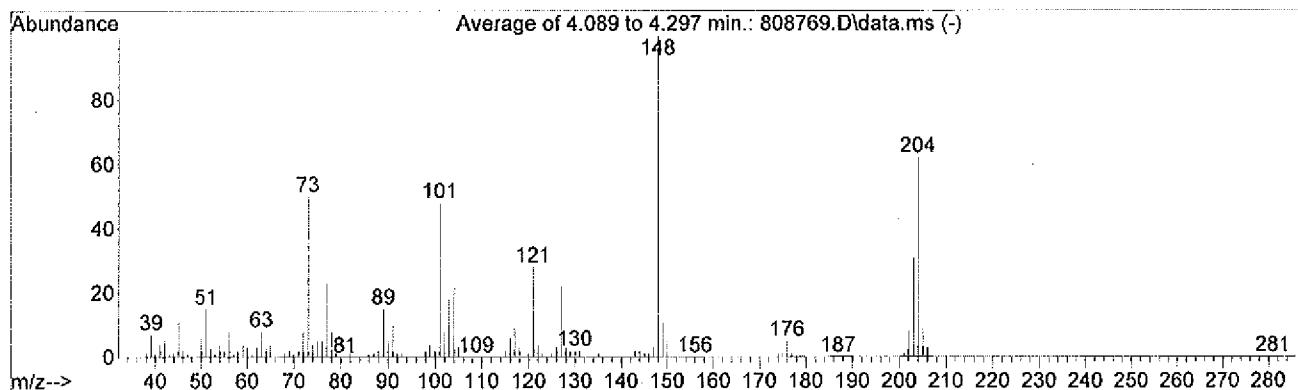
Ret. Time	Area	Area %	Ratio %
4.115	694531	14.12	16.45
4.891	4222705	85.88	100.00

Information from Data File:

File Name : F:\Q4-2011\System9\11_25_11\808769.D
Operator : NEM
Date Acquired : 26 Nov 2011 7:22
Sample Name : XXXXXXXXXX
Submitted by : HLL
Vial Number : 69
AcquisitionMeth: DRUGS.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 10
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	4.12	C:\Database\NIST08.L		
		Levamisole	006649-23-6	99
		Imidazo[2,1-b]thiazole, 2,3,5,6-tet	014769-73-4	98
		Levamisole	006649-23-6	97

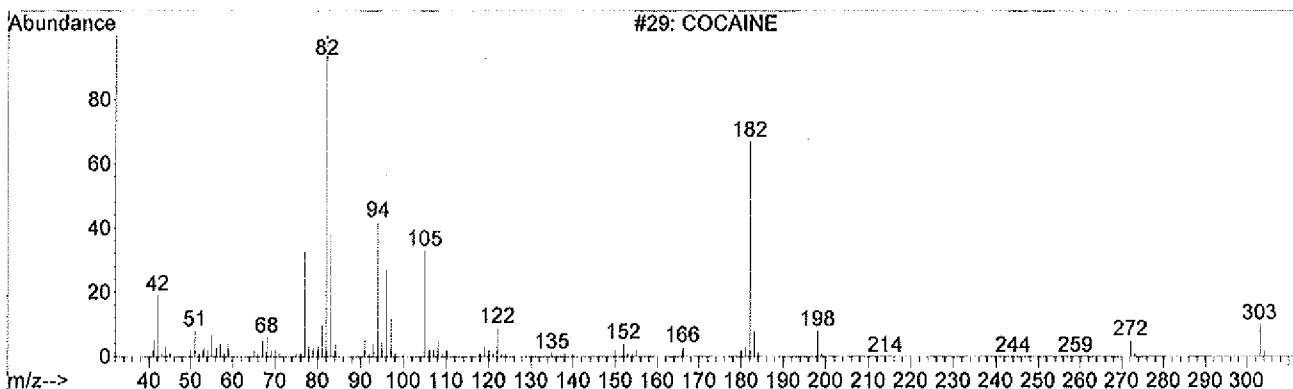
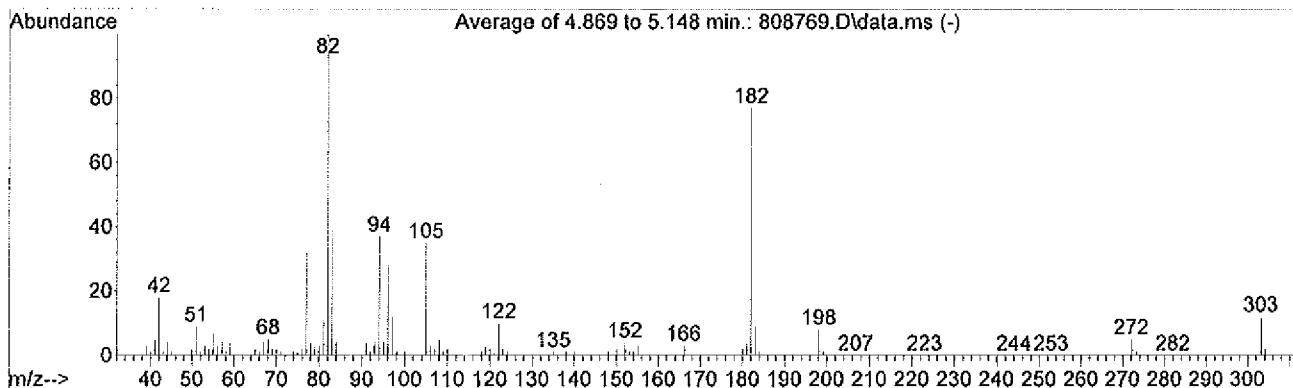


Information from Data File:

File Name : F:\Q4-2011\System9\11_25_11\808769.D
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Date Acquired : 26 Nov 2011 7:22
Sample Name : XXXXXXXXXX
Submitted by : HLL
Vial Number : 69
AcquisitionMeth: DRUGS.M
Integrator : RTE

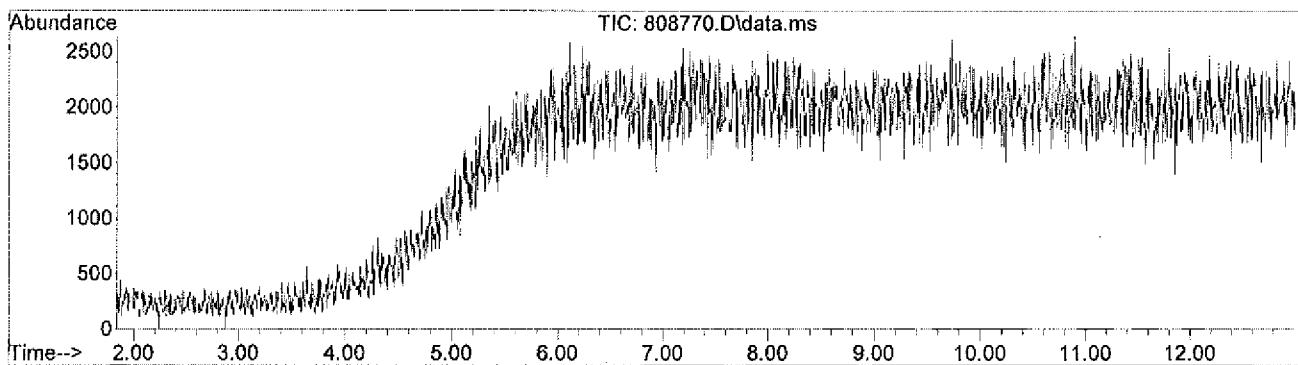
Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 10
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
2	4.89	C:\Database\SLI.L COCAINE	000050-36-2	99



Information from Data File:

File Name : F:\Q4-2011\System9\11_25_11\808770.D
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Date Acquired : 26 Nov 2011 7:38
Sample Name : BLANK
Submitted by : HLL
Vial Number : 1
AcquisitionMeth: DRUGS.M
Integrator : RTE

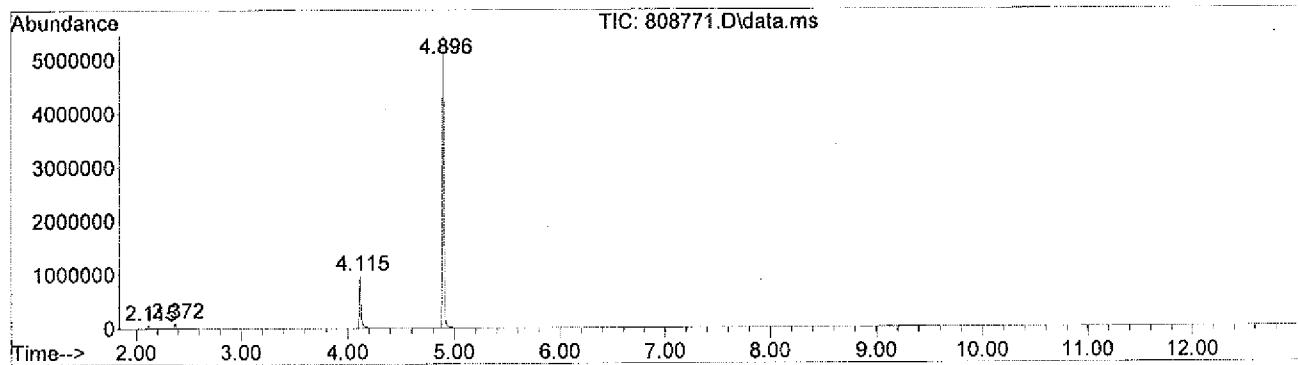


Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Information from Data File:

File Name : F:\Q4-2011\System9\11_25_11\808771.D
Operator : NEM
Date Acquired : 26 Nov 2011 7:53
Sample Name : XXXXXXXXXX
Submitted by : HLL
Vial Number : 71
AcquisitionMeth: DRUGS.M
Integrator : RTE



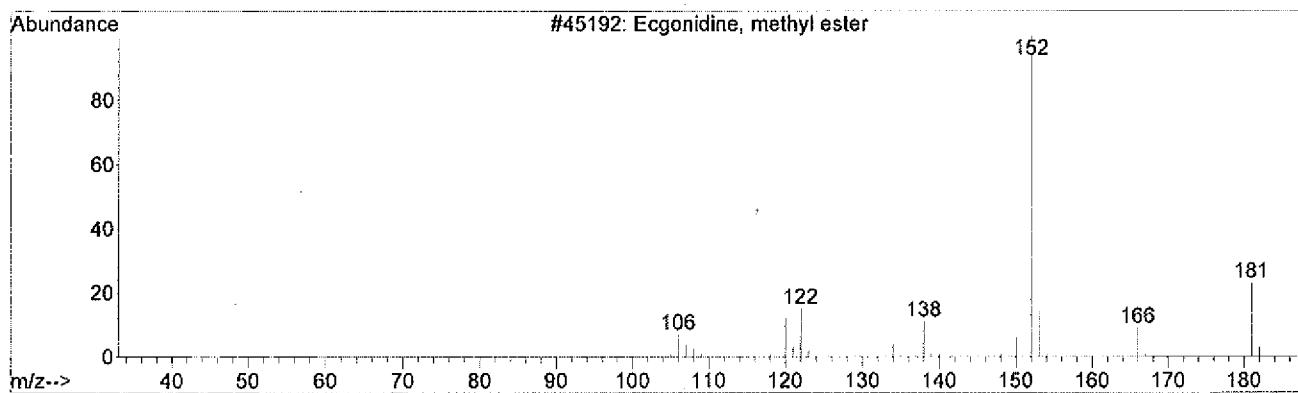
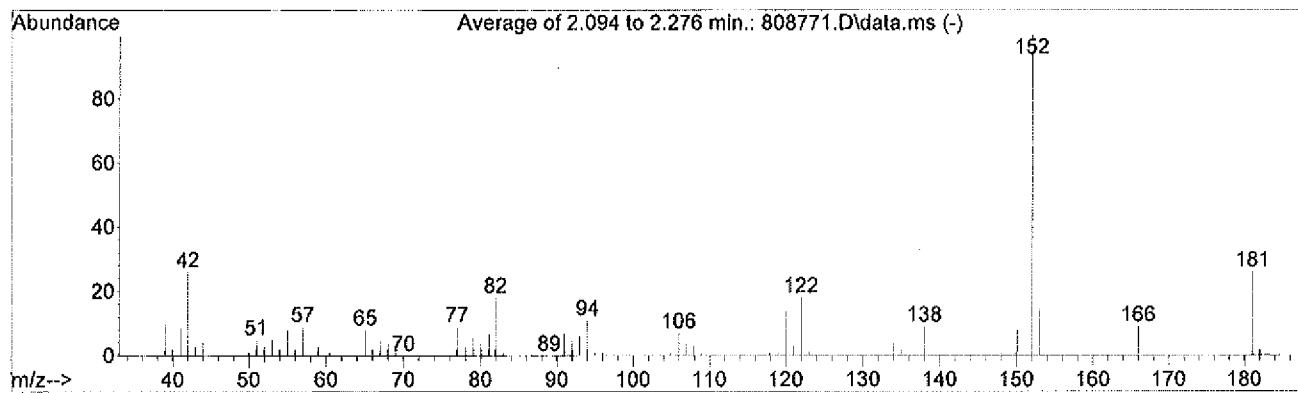
Ret. Time	Area	Area %	Ratio %
2.115	129866	1.84	2.28
2.372	116973	1.66	2.05
4.115	1115618	15.80	19.58
4.896	5698585	80.70	100.00

Information from Data File:

File Name : F:\Q4-2011\System9\11_25_11\808771.D
Operator : NEM
Date Acquired : 26 Nov 2011 7:53
Sample Name : XXXXXXXXXX
Submitted by : HLL
Vial Number : 71
AcquisitionMeth: DRUGS.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 10
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	2.12	C:\Database\NIST08.L		
		Ecgonidine, methyl ester	127379-24-2	96
		2-Carbomethoxy-8-methyl-8-azabicycl	043021-26-7	96
		2(1H)-Pyridinone, 4-hydroxy-6-methy	007135-82-2	52

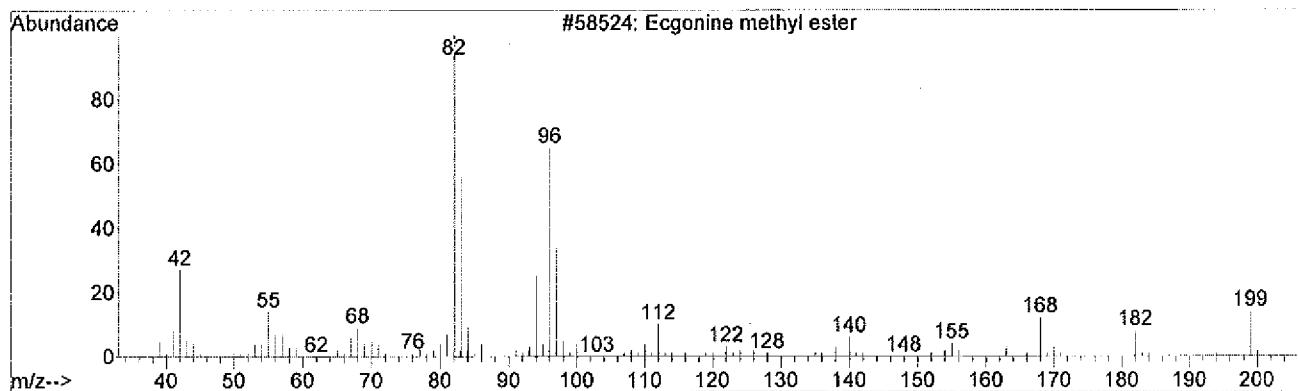
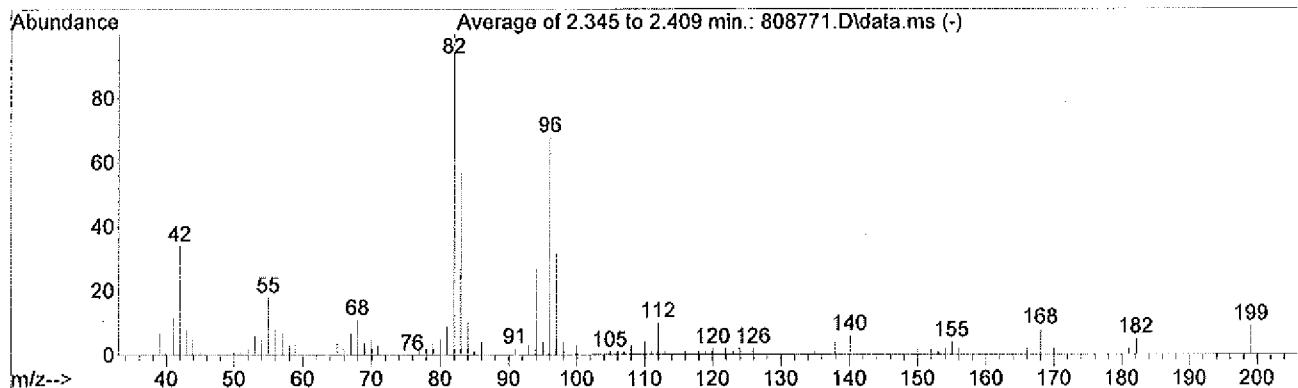


Information from Data File:

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Operator : NEM
Date Acquired : 26 Nov 2011 7:53
Sample Name : XXXXXXXXXX
Submitted by : HLL
Vial Number : 71
AcquisitionMeth: DRUGS.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 10
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
2	2.37	C:\Database\NIST08.L		
		Ecgonine methyl ester	106293-60-1	98
		Pseudoeccgonine methyl ester	099189-88-5	97
		Ecgonine methyl ester	106293-60-1	97

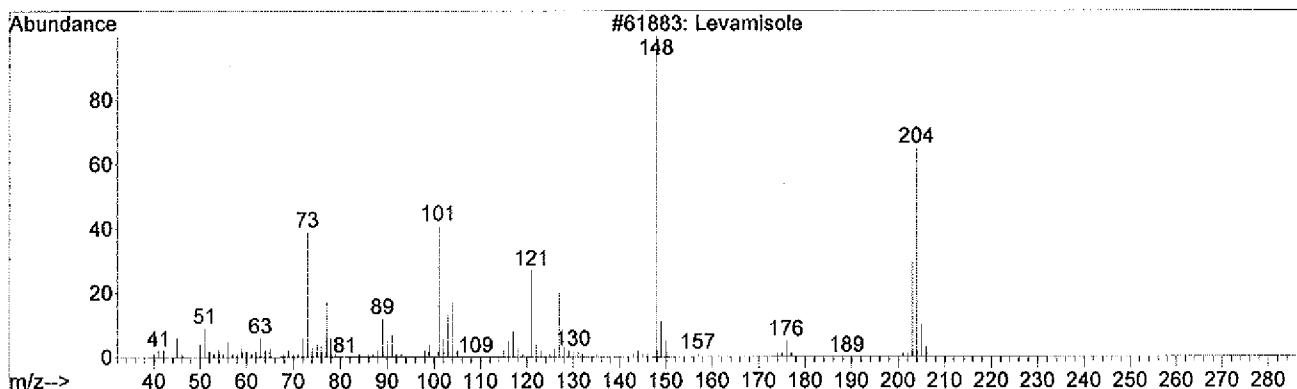
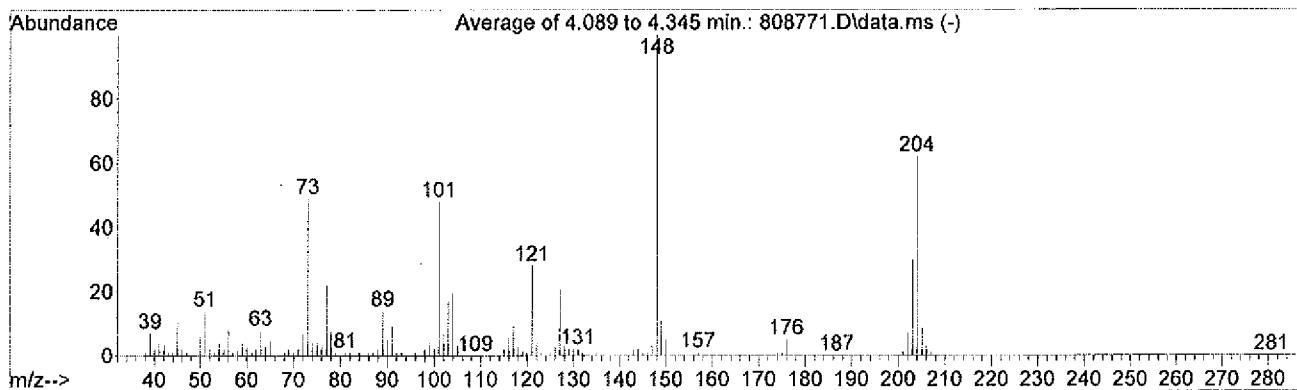


Information from Data File:

File Name : F:\Q4-2011\System9\11_25_11\808771.D
Operator : NEM
Date Acquired : 26 Nov 2011 7:53
Sample Name : XXXXXXXXXX
Submitted by : HLL
Vial Number : 71
AcquisitionMeth: DRUGS.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 10
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
3	4.12	C:\Database\NIST08.L		
		Levamisole	006649-23-6	99
		Imidazo[2,1-b]thiazole, 2,3,5,6-tet	014769-73-4	98
		Levamisole	006649-23-6	98

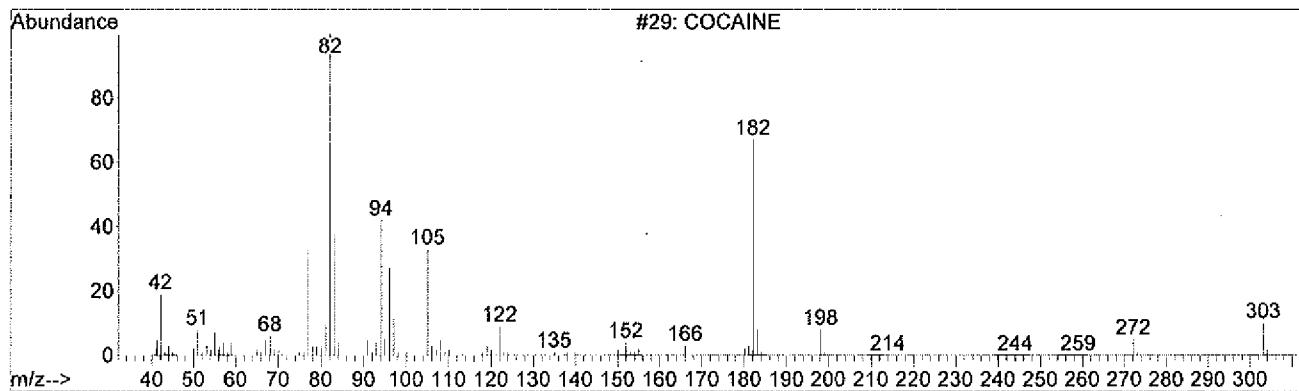
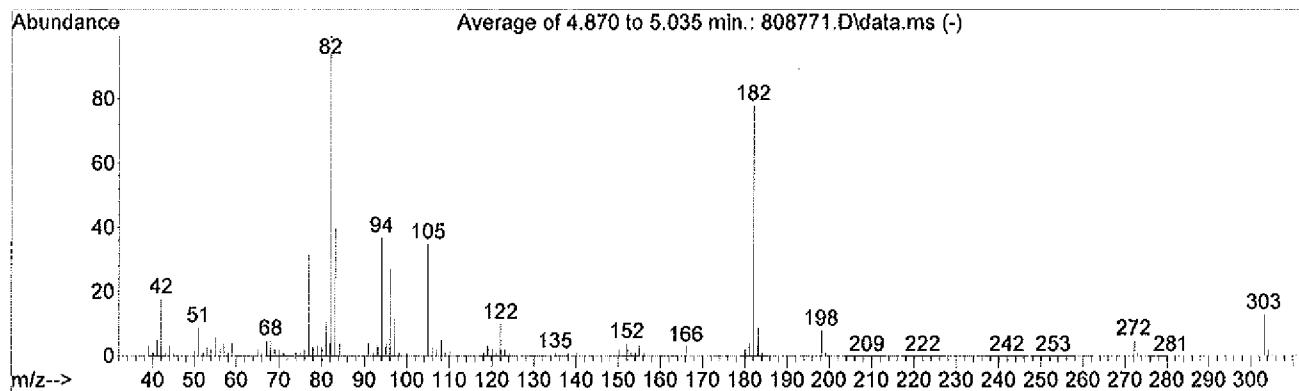


Information from Data File:

File Name : F:\Q4-2011\System9\11_25_11\808771.D
Operator : NEM
Date Acquired : 26 Nov 2011 7:53
Sample Name : XXXXXXXXXX
Submitted by : HLL
Vial Number : 71
AcquisitionMeth: DRUGS.M
Integrator : RTE

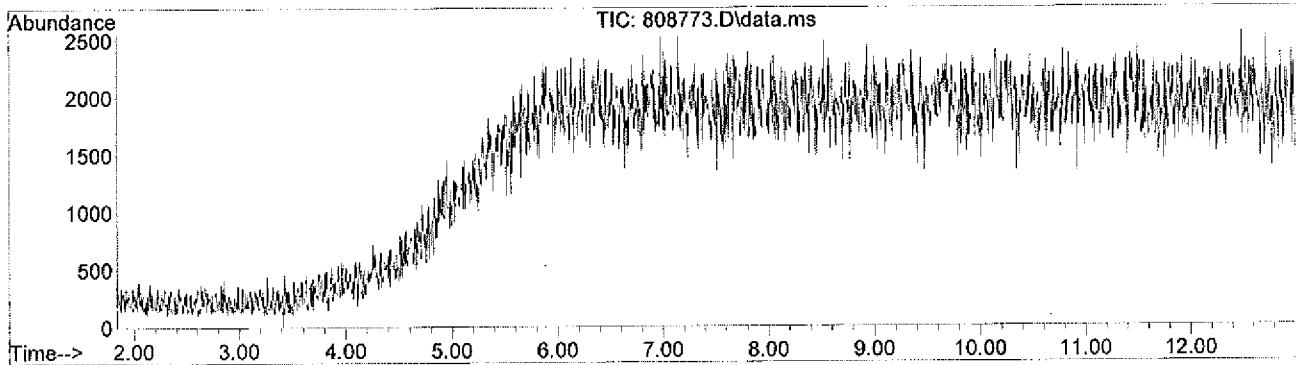
Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 10
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
4	4.90	C:\Database\SLI.L COCAINE	000050-36-2	99



Information from Data File:

File Name : F:\Q4-2011\System9\11_25_11\808773.D
Operator : NEM
Date Acquired : 26 Nov 2011 8:24
Sample Name : BLANK
Submitted by :
Vial Number : 2
AcquisitionMeth: DRUGS.M
Integrator : RTE

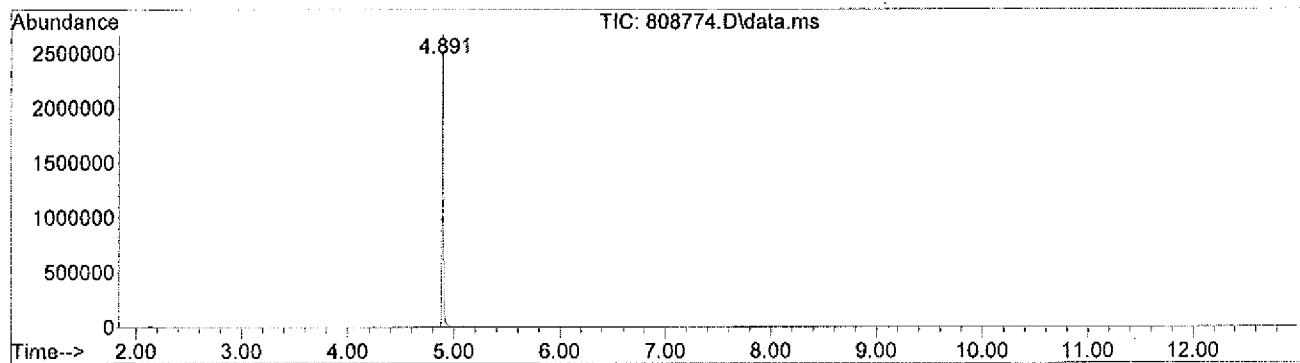


Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Information from Data File:

File Name : F:\Q4-2011\System9\11_25_11\808774.D
Operator : NEM
Date Acquired : 26 Nov 2011 8:39
Sample Name : COCAINE STD
Submitted by :
Vial Number : 5
AcquisitionMeth: DRUGS.M
Integrator : RTE



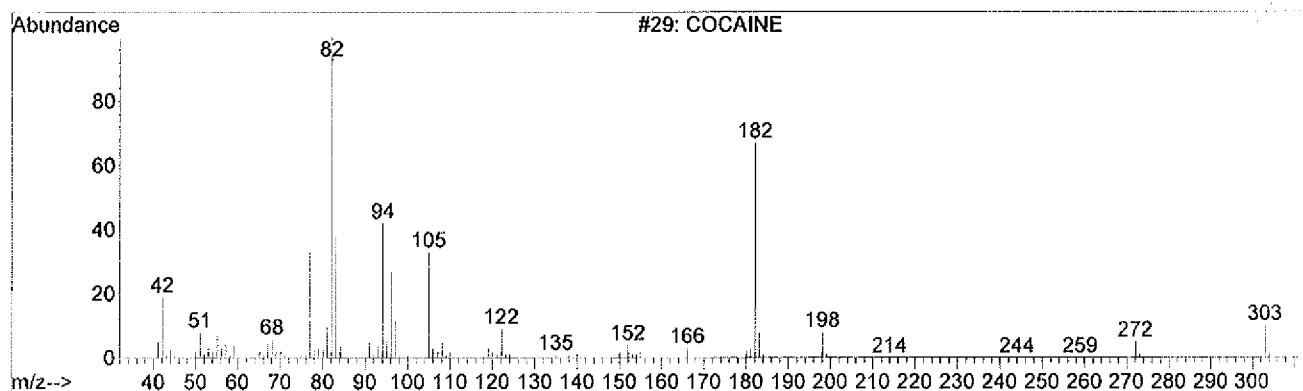
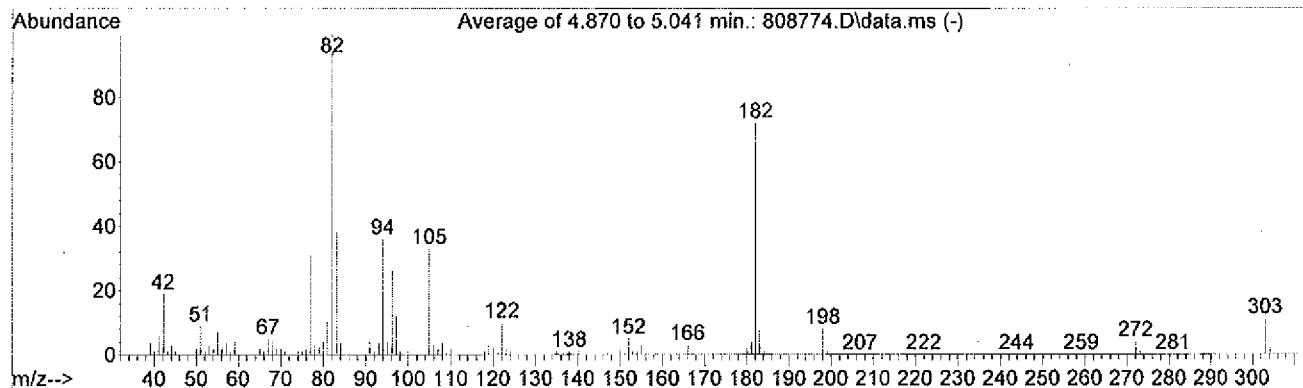
Ret. Time	Area	Area %	Ratio %
4.891	2517969	100.00	100.00

Information from Data File:

File Name : F:\Q4-2011\System9\11_25_11\808774.D
Operator : NEM
Date Acquired : 26 Nov 2011 8:39
Sample Name : COCAINE STD
Submitted by :
Vial Number : 5
AcquisitionMeth: DRUGS.M
Integrator : RTE

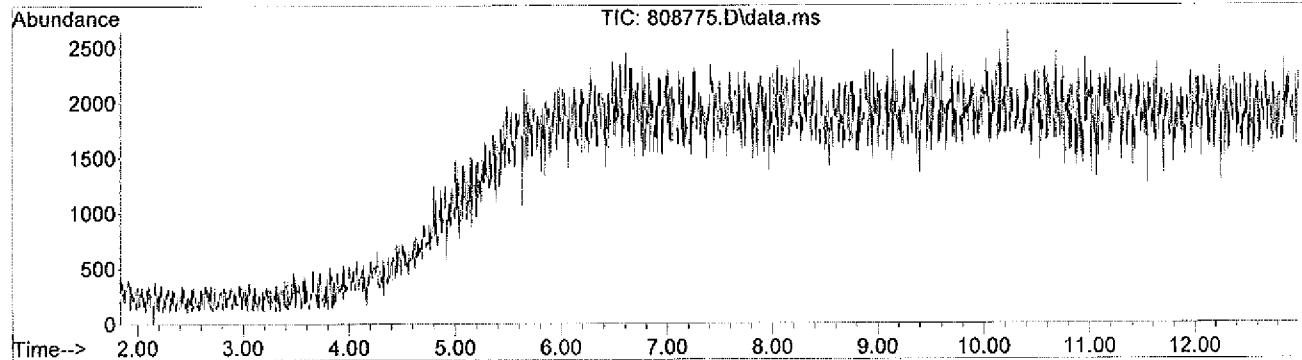
Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 10
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	4.89	C:\Database\SLI.L COCAINE	000050-36-2	99



Information from Data File:

File Name : F:\Q4-2011\System9\11_25_11\808775.D
Operator : NEM
Date Acquired : 26 Nov 2011 8:55
Sample Name : BLANK
Submitted by :
Vial Number : 2
AcquisitionMeth: DRUGS.M
Integrator : RTE

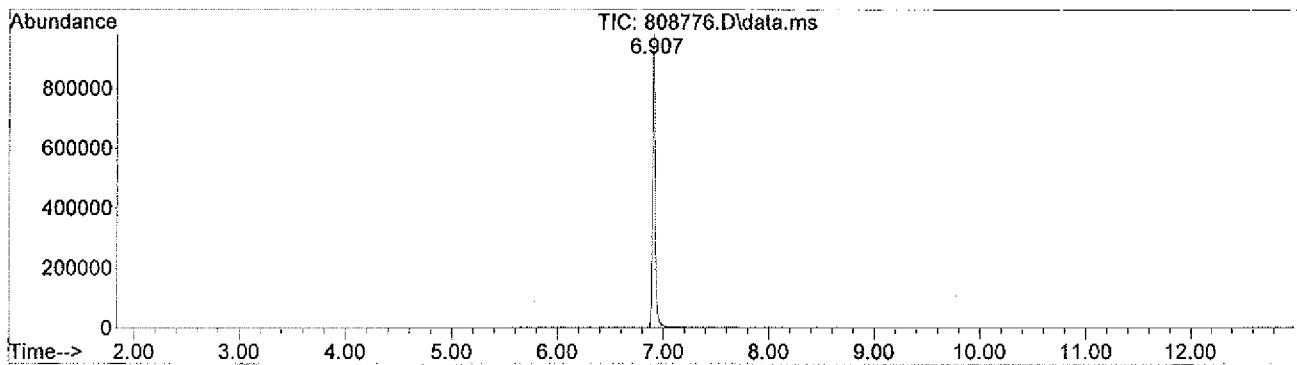


Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Information from Data File:

File Name : F:\Q4-2011\System9\11_25_11\808776.D
Operator : NEM
Date Acquired : 26 Nov 2011 9:10
Sample Name : HEROIN STD
Submitted by :
Vial Number : 76
AcquisitionMeth: DRUGS.M
Integrator : RTE



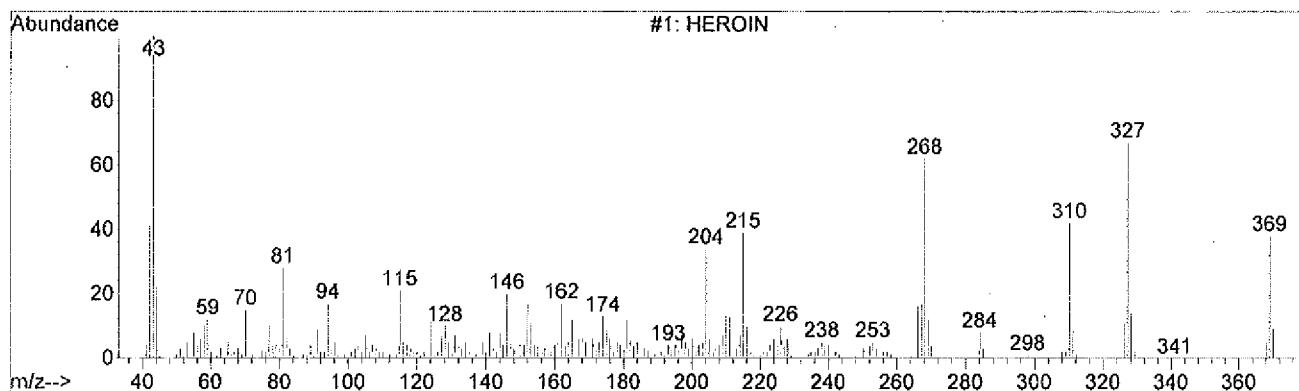
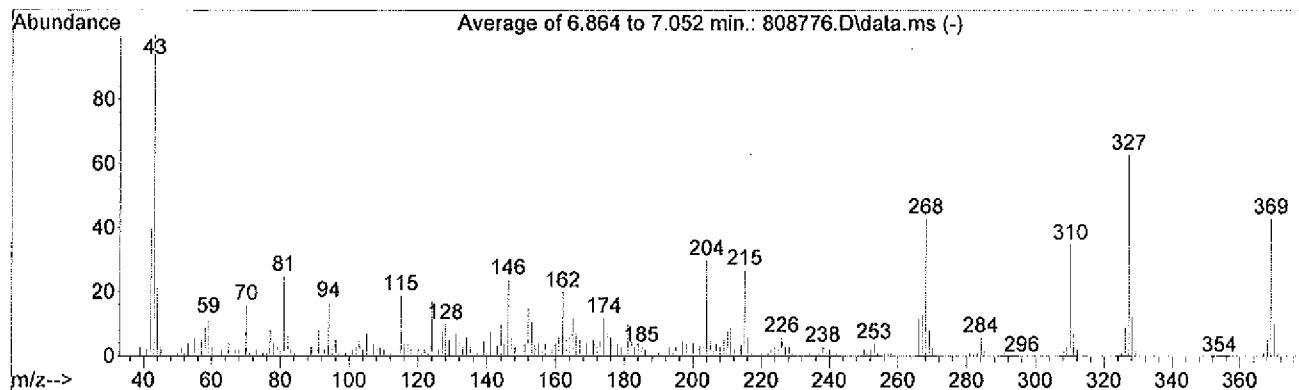
Ret. Time	Area	Area %	Ratio %
6.907	1638793	100.00	100.00

Information from Data File:

File Name : F:\Q4-2011\System9\11_25_11\808776.D
Operator : NEM
Date Acquired : 26 Nov 2011 9:10
Sample Name : HEROIN STD
Submitted by :
Vial Number : 76
AcquisitionMeth: DRUGS.M
Integrator : RTE

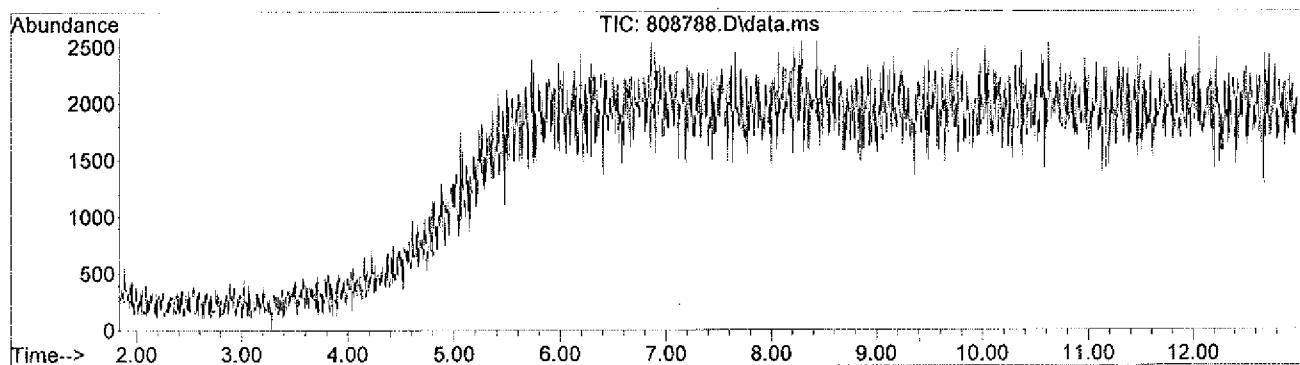
Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 10
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	6.91	C:\Database\SLI.L HEROIN	000561-27-3	99



Information from Data File:

File Name : F:\Q4-2011\System9\11_25_11\808788.D
Operator : NEM
Date Acquired : 26 Nov 2011 12:15
Sample Name : BLANK
Submitted by : HLL
Vial Number : 2
AcquisitionMeth: DRUGS.M
Integrator : RTE

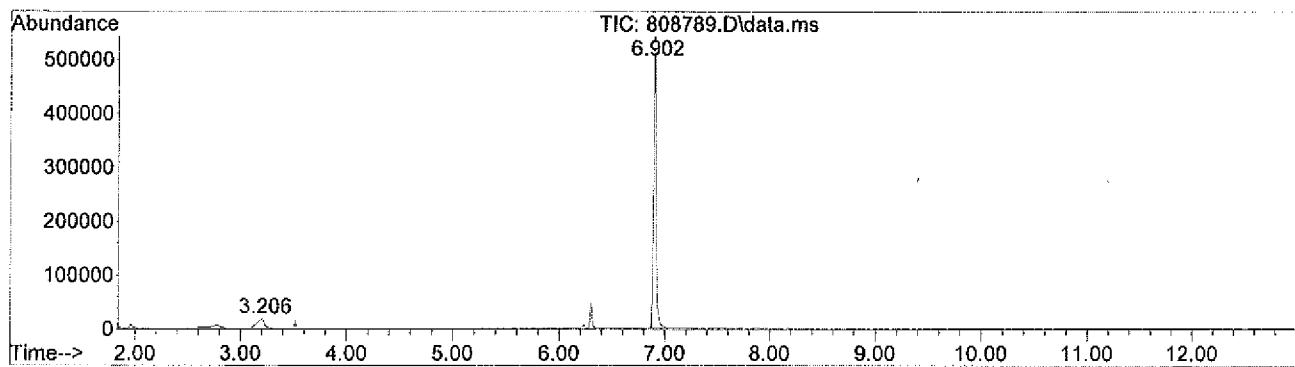


Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Information from Data File:

File Name : F:\Q4-2011\System9\11_25_11\808789.D
Operator : NEM
Date Acquired : 26 Nov 2011 12:31
Sample Name : XXXXXXXXXX
Submitted by : HLL
Vial Number : 89
AcquisitionMeth: DRUGS.M
Integrator : RTE



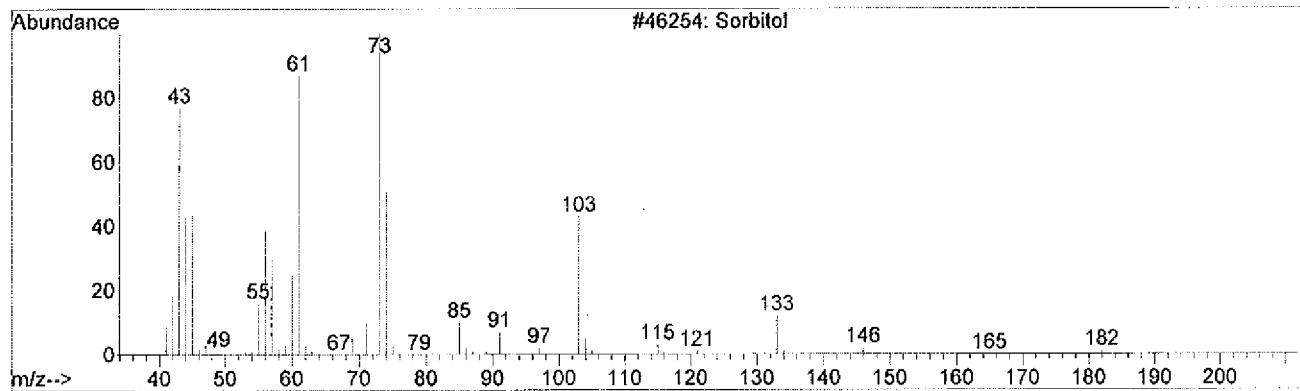
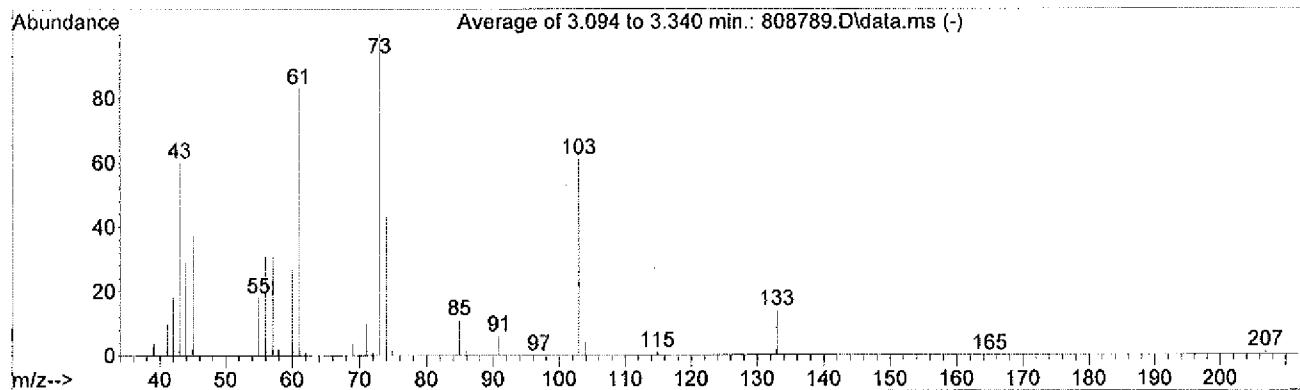
Ret. Time	Area	Area %	Ratio %
3.206	102165	10.23	11.40
6.902	896356	89.77	100.00

Information from Data File:

File Name : F:\Q4-2011\System9\11_25_11\808789.D
Operator : NEM
Date Acquired : 26 Nov 2011 12:31
Sample Name : XXXXXXXXXX
Submitted by : HLL
Vial Number : 89
AcquisitionMeth: DRUGS.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 10
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	3.21	C:\Database\NIST08.L		
		Sorbitol	000050-70-4	86
		Sorbitol	000050-70-4	86
		Glucitol	026566-34-7	83

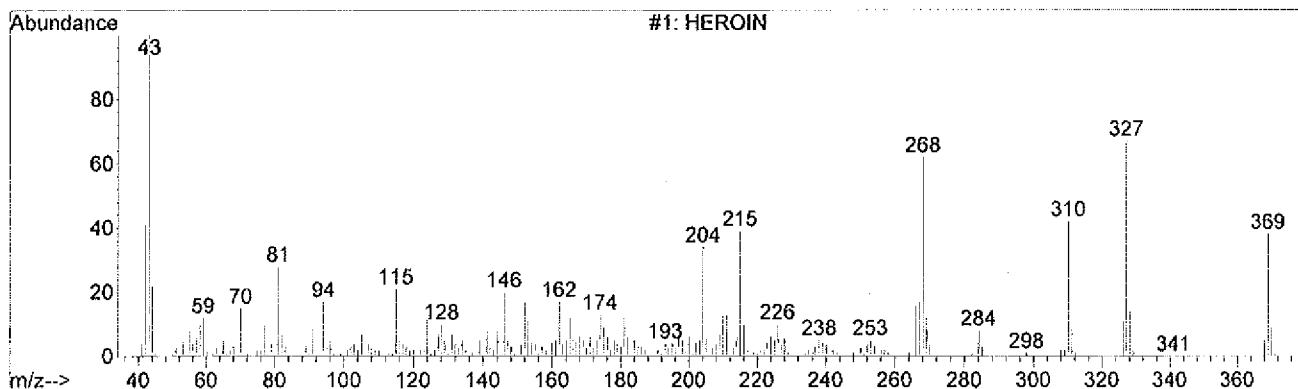
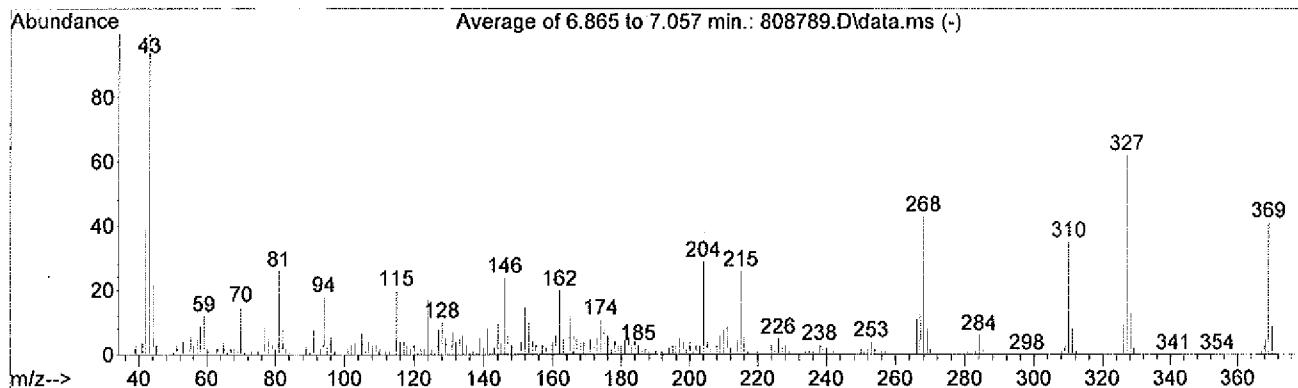


Information from Data File:

File Name : F:\Q4-2011\System9\11_25_11\808789.D
Operator : NEM
Date Acquired : 26 Nov 2011 12:31
Sample Name : XXXXXXXXXX
Submitted by : HLL
Vial Number : 89
AcquisitionMeth: DRUGS.M
Integrator : RTE

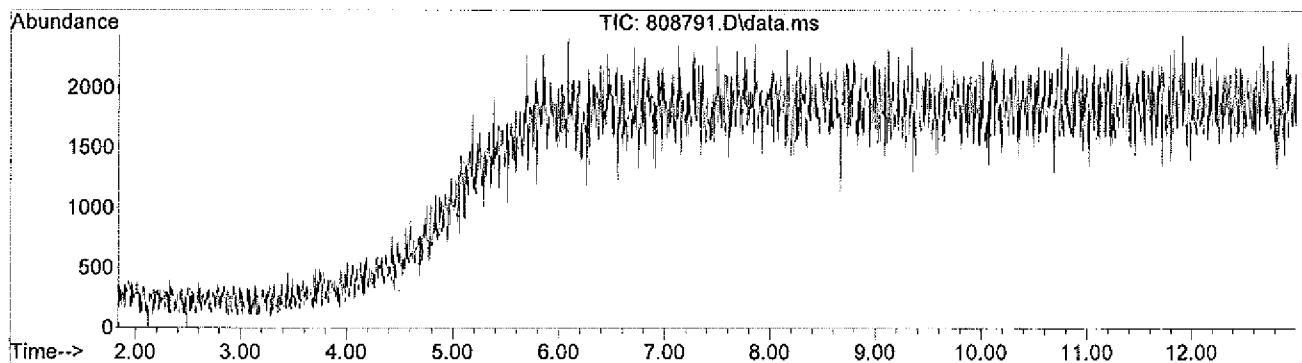
Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 10
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
2	6.90	C:\Database\SLI.L HEROIN	000561-27-3	99



Information from Data File:

File Name : F:\Q4-2011\System9\11_25_11\808791.D
Operator : NEM
Date Acquired : 26 Nov 2011 13:02
Sample Name : BLANK
Submitted by :
Vial Number : 2
AcquisitionMeth: DRUGS.M
Integrator : RTE

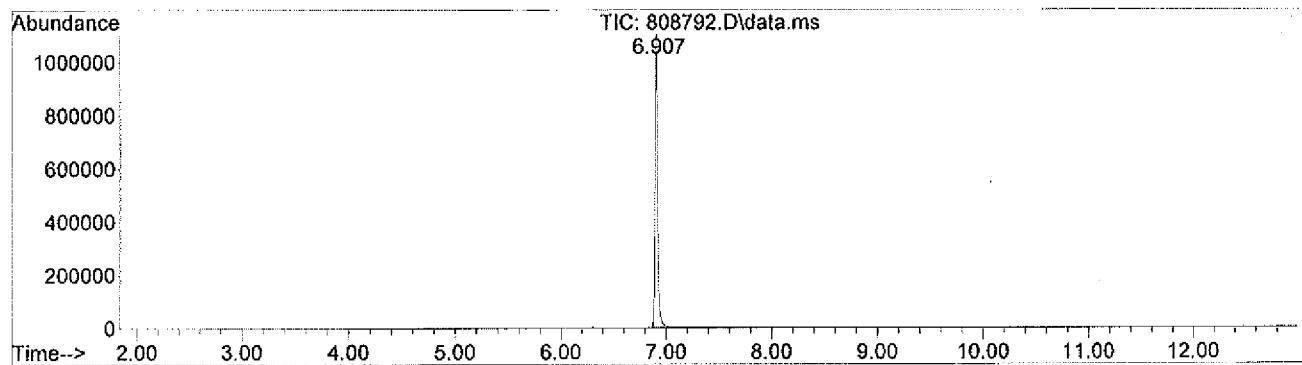


Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Information from Data File:

File Name : F:\Q4-2011\System9\11_25_11\808792.D
Operator : NEM
Date Acquired : 26 Nov 2011 13:17
Sample Name : HEROIN STD
Submitted by :
Vial Number : 76
AcquisitionMeth: DRUGS.M
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
6.907	1770948	100.00	100.00

Information from Data File:

File Name : F:\Q4-2011\System9\11_25_11\808792.D
Operator : NEM
Date Acquired : 26 Nov 2011 13:17
Sample Name : HEROIN STD
Submitted by :
Vial Number : 76
AcquisitionMeth: DRUGS.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 10
C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	6.91	C:\Database\SLI.L HEROIN	000561-27-3	99

